

## 2004-2014 Phoenix MSA<sup>1</sup> Occupational Projections

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
00-0000	Total, All Occupations	1,817,818	2,353,547	535,729	29.47%	54,452	42,878	97,329
<b>11-0000</b>	<b>Management Occupations</b>	<b>99,668</b>	<b>128,861</b>	<b>29,193</b>	<b>29.29%</b>	<b>2,929</b>	<b>1,859</b>	<b>4,788</b>
11-1000	Top Executives	27,345	36,057	8,712	31.86%	881	513	1,394
11-1011	Chief Executives	5,117	6,643	1,526	29.82%	153	97	249
11-1021	General and Operations Managers	21,710	28,993	7,283	33.55%	728	410	1,138
11-1031	Legislators	518	421	-97	-18.73%	0	7	7
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	9,895	13,324	3,429	34.65%	343	182	525
11-2011	Advertising and Promotions Managers	570	747	177	31.05%	18	10	28
11-2021	Marketing Managers	2,528	3,324	796	31.49%	80	47	126
11-2022	Sales Managers	6,216	8,489	2,273	36.57%	227	115	342
11-2031	Public Relations Managers	581	764	183	31.50%	18	10	28
11-3000	Operations Specialties Managers	18,564	23,835	5,271	28.39%	527	318	845
11-3011	Administrative Services Managers	3,047	4,032	985	32.33%	99	59	158
11-3021	Computer and Information Systems Managers	3,138	4,093	955	30.43%	96	57	153
11-3031	Financial Managers	6,781	8,788	2,007	29.60%	201	97	298
11-3041	Compensation and Benefits Managers	761	1,027	266	34.95%	27	13	39
11-3042	Training and Development Managers	476	648	172	36.13%	17	8	25
11-3049	Human Resources Managers, All Other	1,165	1,498	333	28.58%	33	20	53
11-3051	Industrial Production Managers	1,406	1,547	141	10.03%	14	27	41
11-3061	Purchasing Managers	1,007	1,231	224	22.24%	22	22	44
11-3071	Transportation, Storage, and Distribution Managers	783	971	188	24.01%	19	15	34
11-9000	Other Management Occupations	43,864	55,645	11,781	26.86%	1,178	847	2,025
11-9021	Construction Managers	5,521	8,076	2,555	46.28%	256	100	356
11-9031	Education Administrators, Preschool and Child Care Center/Program	551	741	190	34.48%	19	14	33
11-9032	Education Administrators, Elementary and Secondary School	2,011	2,942	931	46.30%	93	50	143
11-9033	Education Administrators, Postsecondary	1,651	2,285	634	38.40%	63	41	104
11-9039	Education Administrators, All Other	50	60	10	20.00%	1	1	2
11-9041	Engineering Managers	4,131	5,046	915	22.15%	92	82	174
11-9051	Food Service Managers	5,958	7,475	1,517	25.46%	152	97	249
11-9061	Funeral Directors	312	318	6	1.92%	1	9	10
11-9071	Gaming Managers	231	239	8	3.46%	1	4	5
11-9081	Lodging Managers	866	1,017	151	17.44%	15	14	30
11-9111	Medical and Health Services Managers	3,471	4,561	1,090	31.40%	109	68	177
11-9121	Natural Sciences Managers	249	321	72	28.92%	7	5	12
11-9141	Property, Real Estate, and Community Association Managers	6,991	8,592	1,601	22.90%	160	131	291

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11-9151	Social and Community Service Managers	1,607	2,002	395	24.58%	40	31	70
11-9199	Managers, All Other	10,205	11,907	1,702	16.68%	170	199	369
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>90,261</b>	<b>113,797</b>	<b>23,536</b>	<b>26.08%</b>	<b>2,359</b>	<b>1,569</b>	<b>3,928</b>
13-1000	Business Operations Specialists	47,827	60,054	12,227	25.57%	1,223	826	2,049
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	397	541	144	36.27%	14	8	22
13-1021	Purchasing Agents and Buyers, Farm Products	227	308	81	35.68%	8	8	16
13-1022	Wholesale and Retail Buyers, Except Farm Products	1,844	2,380	536	29.07%	54	48	102
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm	3,637	4,448	811	22.30%	81	91	172
13-1031	Claims Adjusters, Examiners, and Investigators	4,002	5,131	1,129	28.21%	113	49	162
13-1032	Insurance Appraisers, Auto Damage	226	282	56	24.78%	6	3	8
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	2,394	2,790	396	16.54%	40	56	96
13-1051	Cost Estimators	3,001	4,600	1,599	53.28%	160	67	227
13-1061	Emergency Management Specialists	101	109	8	7.92%	1	2	3
13-1071	Employment, Recruitment, and Placement Specialists	2,873	3,767	894	31.12%	89	44	133
13-1072	Compensation, Benefits, and Job Analysis Specialists	1,710	2,205	495	28.95%	50	26	76
13-1073	Training and Development Specialists	4,153	5,502	1,349	32.48%	135	64	199
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	1,731	2,436	705	40.73%	71	30	100
13-1081	Logisticians	1,004	1,111	107	10.66%	11	17	28
13-1111	Management Analysts	12,049	13,448	1,399	11.61%	140	165	305
13-1121	Meeting and Convention Planners	915	1,134	219	23.93%	22	20	42
13-1199	Business Operations Specialists, All Other	7,563	9,862	2,299	30.40%	230	129	359
13-2000	Financial Specialists	42,434	53,743	11,309	26.65%	1,136	742	1,879
13-2011	Accountants and Auditors	16,724	22,116	5,392	32.24%	539	316	855
13-2021	Appraisers and Assessors of Real Estate	2,526	3,138	612	24.23%	61	54	115
13-2031	Budget Analysts	1,001	1,100	99	9.89%	10	16	26
13-2041	Credit Analysts	3,339	3,950	611	18.30%	61	52	113
13-2051	Financial Analysts	2,608	3,202	594	22.78%	59	39	98
13-2052	Personal Financial Advisors	2,948	4,006	1,058	35.89%	106	38	144
13-2053	Insurance Underwriters	1,244	1,553	309	24.84%	31	22	53
13-2061	Financial Examiners	796	1,016	220	27.64%	22	18	40
13-2071	Loan Counselors	684	893	209	30.56%	21	11	32
13-2072	Loan Officers	8,166	10,047	1,881	23.03%	188	131	319
13-2081	Tax Examiners, Collectors, and Revenue Agents	609	554	-55	-9.03%	0	14	14
13-2082	Tax Preparers	897	974	77	8.58%	8	15	23
13-2099	Financial Specialists, All Other	892	1,194	302	33.86%	30	16	46
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>39,346</b>	<b>52,024</b>	<b>12,678</b>	<b>32.22%</b>	<b>1,268</b>	<b>521</b>	<b>1,789</b>

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15-1000	Computer Specialists	37,506	50,004	12,498	33.32%	1,250	478	1,728
15-1011	Computer and Information Scientists, Research	111	116	5	4.50%	1	1	2
15-1021	Computer Programmers	4,866	5,217	351	7.21%	35	115	150
15-1031	Computer Software Engineers, Applications	5,420	7,847	2,427	44.78%	243	54	296
15-1032	Computer Software Engineers, Systems Software	4,088	5,795	1,707	41.76%	171	40	211
15-1041	Computer Support Specialists	9,285	11,353	2,068	22.27%	207	114	321
15-1051	Computer Systems Analysts	4,865	6,617	1,752	36.01%	175	55	230
15-1061	Database Administrators	2,152	3,102	950	44.14%	95	22	117
15-1071	Network and Computer Systems Administrators	2,972	4,301	1,329	44.72%	133	33	166
15-1081	Network Systems and Data Communications Analysts	2,858	4,552	1,694	59.27%	169	34	203
15-1099	Computer Specialists, All Other	889	1,104	215	24.18%	22	10	32
15-2000	Mathematical Scientists	1,840	2,020	180	9.78%	18	42	60
15-2011	Actuaries	78	109	31	39.74%	3	3	6
15-2031	Operations Research Analysts	1,601	1,736	135	8.43%	14	35	49
15-2041	Statisticians	154	167	13	8.44%	1	4	5
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>39,517</b>	<b>48,407</b>	<b>8,890</b>	<b>22.50%</b>	<b>895</b>	<b>879</b>	<b>1,774</b>
17-1000	Architects, Surveyors, and Cartographers	3,865	5,308	1,443	37.34%	150	80	230
17-1011	Architects, Except Landscape and Naval	1,641	2,397	756	46.07%	76	19	94
17-1012	Landscape Architects	671	990	319	47.54%	32	8	40
17-1021	Cartographers and Photogrammetrists	448	389	-59	-13.17%	0	15	15
17-1022	Surveyors	1,105	1,532	427	38.64%	43	38	81
17-2000	Engineers	22,474	26,989	4,515	20.09%	452	484	935
17-2011	Aerospace Engineers	2,423	2,621	198	8.17%	20	60	80
17-2031	Biomedical Engineers	92	142	50	54.35%	5	2	7
17-2041	Chemical Engineers	172	236	64	37.21%	6	5	12
17-2051	Civil Engineers	2,974	3,925	951	31.98%	95	47	143
17-2061	Computer Hardware Engineers	1,205	1,377	172	14.27%	17	20	37
17-2071	Electrical Engineers	4,092	4,859	767	18.74%	77	80	157
17-2072	Electronics Engineers, Except Computer	3,189	3,568	379	11.88%	38	63	101
17-2081	Environmental Engineers	462	619	157	33.98%	16	8	24
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	452	570	118	26.11%	12	11	23
17-2112	Industrial Engineers	2,460	3,079	619	25.16%	62	60	121
17-2131	Materials Engineers	510	598	88	17.25%	9	13	22
17-2141	Mechanical Engineers	2,183	2,738	555	25.42%	56	60	115
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	55	67	12	21.82%	1	2	3
17-2161	Nuclear Engineers	936	992	56	5.98%	6	28	34
17-2199	Engineers, All Other	1,197	1,506	309	25.81%	31	23	54

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17-3000	Drafters, Engineering, and Mapping Technicians	13,178	16,110	2,932	22.25%	293	316	609
17-3011	Architectural and Civil Drafters	2,068	2,679	611	29.55%	61	58	119
17-3012	Electrical and Electronics Drafters	497	602	105	21.13%	11	14	25
17-3013	Mechanical Drafters	1,141	1,448	307	26.91%	31	32	63
17-3019	Drafters, All Other	77	94	17	22.08%	2	2	4
17-3021	Aerospace Engineering and Operations Technicians	65	70	5	7.69%	1	1	2
17-3022	Civil Engineering Technicians	1,314	1,761	447	34.02%	45	28	72
17-3023	Electrical and Electronic Engineering Technicians	4,252	4,831	579	13.62%	58	89	147
17-3024	Electro-Mechanical Technicians	352	433	81	23.01%	8	7	16
17-3025	Environmental Engineering Technicians	415	583	168	40.48%	17	9	26
17-3026	Industrial Engineering Technicians	946	1,035	89	9.41%	9	20	29
17-3027	Mechanical Engineering Technicians	835	1,089	254	30.42%	25	18	43
17-3029	Engineering Technicians, Except Drafters, All Other	485	554	69	14.23%	7	12	19
17-3031	Surveying and Mapping Technicians	731	931	200	27.36%	20	27	47
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>	<b>10,141</b>	<b>12,949</b>	<b>2,808</b>	<b>27.69%</b>	<b>284</b>	<b>250</b>	<b>534</b>
19-1000	Life Scientists	622	782	160	25.72%	17	14	31
19-1023	Zoologists and Wildlife Biologists	75	95	20	26.67%	2	2	4
19-1029	Biological Scientists, All Other	66	82	16	24.24%	2	2	4
19-1041	Epidemiologists	64	57	-7	-10.94%	0	1	1
19-1042	Medical Scientists, Except Epidemiologists	158	241	83	52.53%	8	3	11
19-1099	Life Scientists, All Other	90	123	33	36.67%	3	2	5
19-2000	Physical Scientists	1,631	2,052	421	25.81%	42	40	82
19-2031	Chemists	561	731	170	30.30%	17	18	35
19-2032	Materials Scientists	131	166	35	26.72%	4	4	8
19-2041	Environmental Scientists and Specialists, Including Health	493	597	104	21.10%	10	9	19
19-2042	Geoscientists, Except Hydrologists and Geographers	121	155	34	28.10%	3	2	6
19-2043	Hydrologists	260	332	72	27.69%	7	5	12
19-3000	Social Scientists and Related Workers	6,243	8,100	1,857	29.75%	187	157	344
19-3011	Economists	83	75	-8	-9.64%	0	2	2
19-3021	Market Research Analysts	2,359	2,931	572	24.25%	57	61	118
19-3022	Survey Researchers	631	765	134	21.24%	13	16	30
19-3031	Clinical, Counseling, and School Psychologists	1,951	2,921	970	49.72%	97	43	140
19-3039	Psychologists, All Other	196	240	44	22.45%	4	4	9
19-3041	Sociologists	78	92	14	17.95%	1	3	4
19-3051	Urban and Regional Planners	603	650	47	7.79%	5	20	25
19-3099	Social Scientists and Related Workers, All Other	279	359	80	28.67%	8	6	14
19-4000	Life, Physical, and Social Science Technicians	1,645	2,015	370	22.49%	38	39	77
19-4021	Biological Technicians	83	106	23	27.71%	2	1	4
19-4031	Chemical Technicians	398	496	98	24.62%	10	10	20

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19-4051	Nuclear Technicians	97	115	18	18.56%	2	3	4
19-4061	Social Science Research Assistants	148	199	51	34.46%	5	4	9
19-4091	Environmental Science and Protection Technicians, Including Health	146	168	22	15.07%	2	3	6
19-4092	Forensic Science Technicians	387	440	53	13.70%	5	9	14
19-4093	Forest and Conservation Technicians	74	87	13	17.57%	1	2	3
19-4099	Life, Physical, and Social Science Technicians, All Other	268	364	96	35.82%	10	6	16
<b>21-0000</b>	<b>Community and Social Services Occupations</b>	<b>16,305</b>	<b>20,486</b>	<b>4,181</b>	<b>25.64%</b>	<b>418</b>	<b>313</b>	<b>731</b>
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	14,590	18,438	3,848	26.37%	385	285	670
21-1011	Substance Abuse and Behavioral Disorder Counselors	435	617	182	41.84%	18	10	28
21-1012	Educational, Vocational, and School Counselors	3,109	4,049	940	30.23%	94	71	165
21-1013	Marriage and Family Therapists	179	239	60	33.52%	6	4	10
21-1014	Mental Health Counselors	1,143	1,652	509	44.53%	51	26	77
21-1015	Rehabilitation Counselors	698	846	148	21.20%	15	16	31
21-1019	Counselors, All Other	126	150	24	19.05%	2	2	5
21-1021	Child, Family, and School Social Workers	2,104	2,383	279	13.26%	28	36	64
21-1022	Medical and Public Health Social Workers	986	1,281	295	29.92%	30	17	46
21-1023	Mental Health and Substance Abuse Social Workers	1,023	1,269	246	24.05%	25	18	42
21-1029	Social Workers, All Other	308	338	30	9.74%	3	6	9
21-1091	Health Educators	523	692	169	32.31%	17	9	26
21-1092	Probation Officers and Correctional Treatment Specialists	1,506	1,529	23	1.53%	2	27	29
21-1093	Social and Human Service Assistants	1,954	2,688	734	37.56%	73	34	108
21-1099	Community and Social Service Specialists, All Other	496	705	209	42.14%	21	9	30
21-2000	Religious Workers	1,715	2,048	333	19.42%	33	28	62
21-2011	Clergy	409	493	84	20.54%	8	8	17
21-2021	Directors, Religious Activities and Education	566	714	148	26.15%	15	6	21
21-2099	Religious Workers, All Other	740	841	101	13.65%	10	14	24
<b>23-0000</b>	<b>Legal Occupations</b>	<b>14,302</b>	<b>17,513</b>	<b>3,211</b>	<b>22.45%</b>	<b>328</b>	<b>164</b>	<b>492</b>
23-1000	Lawyers, Judges, and Related Workers	8,521	10,440	1,919	22.52%	195	110	305
23-1011	Lawyers	7,824	9,761	1,937	24.76%	194	101	294
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	302	308	6	1.99%	1	4	5
23-1022	Arbitrators, Mediators, and Conciliators	93	102	9	9.68%	1	1	2
23-1023	Judges, Magistrate Judges, and Magistrates	302	269	-33	-10.93%	0	4	4
23-2000	Legal Support Workers	5,781	7,073	1,292	22.35%	133	54	187
23-2011	Paralegals and Legal Assistants	3,172	4,199	1,027	32.38%	103	26	128
23-2091	Court Reporters	124	124	0	0.00%	0	1	1
23-2092	Law Clerks	852	813	-39	-4.58%	0	9	9



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23-2093	Title Examiners, Abstractors, and Searchers	1,398	1,674	276	19.74%	28	15	43
23-2099	Legal Support Workers, All Other	235	263	28	11.91%	3	3	5
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>	<b>75,209</b>	<b>111,389</b>	<b>36,180</b>	<b>48.11%</b>	<b>3,618</b>	<b>1,629</b>	<b>5,247</b>
25-1000	Postsecondary Teachers	12,395	18,404	6,009	48.48%	601	280	881
25-1011	Business Teachers, Postsecondary	915	1,354	439	47.98%	44	21	65
25-1021	Computer Science Teachers, Postsecondary	1,138	1,697	559	49.12%	56	26	82
25-1022	Mathematical Science Teachers, Postsecondary	516	747	231	44.77%	23	12	35
25-1032	Engineering Teachers, Postsecondary	1,000	1,518	518	51.80%	52	23	74
25-1042	Biological Science Teachers, Postsecondary	239	357	118	49.37%	12	5	17
25-1043	Forestry and Conservation Science Teachers, Postsecondary	80	115	35	43.75%	4	2	5
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	50	72	22	44.00%	2	1	3
25-1052	Chemistry Teachers, Postsecondary	213	319	106	49.77%	11	5	15
25-1065	Political Science Teachers, Postsecondary	121	176	55	45.45%	6	3	8
25-1066	Psychology Teachers, Postsecondary	86	127	41	47.67%	4	2	6
25-1071	Health Specialties Teachers, Postsecondary	682	978	296	43.40%	30	15	45
25-1072	Nursing Instructors and Teachers, Postsecondary	328	453	125	38.11%	13	7	20
25-1081	Education Teachers, Postsecondary	178	261	83	46.63%	8	4	12
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	62	91	29	46.77%	3	1	4
25-1121	Art, Drama, and Music Teachers, Postsecondary	212	311	99	46.70%	10	5	15
25-1122	Communications Teachers, Postsecondary	224	329	105	46.88%	11	5	16
25-1123	English Language and Literature Teachers, Postsecondary	764	1,135	371	48.56%	37	17	54
25-1124	Foreign Language and Literature Teachers, Postsecondary	161	236	75	46.58%	8	4	11
25-1125	History Teachers, Postsecondary	83	121	38	45.78%	4	2	6
25-1126	Philosophy and Religion Teachers, Postsecondary	66	97	31	46.97%	3	2	5
25-1191	Graduate Teaching Assistants	2,351	3,578	1,227	52.19%	123	53	176
25-1192	Home Economics Teachers, Postsecondary	91	132	41	45.05%	4	2	6
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	210	314	104	49.52%	10	5	15
25-1194	Vocational Education Teachers, Postsecondary	1,721	2,529	808	46.95%	81	39	120
25-1199	Postsecondary Teachers, All Other	662	999	337	50.91%	34	15	49
25-2000	Primary, Secondary, and Special Education School Teachers	43,298	64,992	21,694	50.10%	2,169	984	3,153
25-2011	Preschool Teachers, Except Special Education	3,113	4,496	1,383	44.43%	138	37	175
25-2012	Kindergarten Teachers, Except Special Education	1,324	2,035	711	53.70%	71	16	87
25-2021	Elementary School Teachers, Except Special Education	22,524	34,132	11,608	51.54%	1,161	497	1,658
25-2022	Middle School Teachers, Except Special and Vocational Education	2,706	3,909	1,203	44.46%	120	60	180
25-2023	Vocational Education Teachers, Middle School	50	71	21	42.00%	2	1	3

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SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
25-2031	Secondary School Teachers, Except Special and Vocational	11,065	16,392	5,327	48.14%	533	311	844
25-2032	Vocational Education Teachers, Secondary School	346	509	163	47.11%	16	10	26
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	1,283	2,112	829	64.61%	83	31	114
25-2042	Special Education Teachers, Middle School	422	667	245	58.06%	25	10	35
25-2043	Special Education Teachers, Secondary School	465	669	204	43.87%	20	11	32
25-3000	Other Teachers and Instructors	4,059	5,927	1,868	46.02%	187	50	237
25-3011	Adult Literacy, Remedial Education, and GED Teachers and	1,299	1,819	520	40.03%	52	16	68
25-3021	Self-Enrichment Education Teachers	1,542	2,195	653	42.35%	65	19	84
25-3099	Teachers and Instructors, All Other	1,218	1,913	695	57.06%	70	15	85
25-4000	Librarians, Curators, and Archivists	2,489	3,217	728	29.25%	73	73	146
25-4012	Curators	131	160	29	22.14%	3	3	6
25-4013	Museum Technicians and Conservators	135	163	28	20.74%	3	3	6
25-4021	Librarians	1,104	1,362	258	23.37%	26	26	52
25-4031	Library Technicians	1,087	1,493	406	37.35%	41	40	81
25-9000	Other Education, Training, and Library Occupations	12,968	18,849	5,881	45.35%	588	243	831
25-9011	Audio-Visual Collections Specialists	51	73	22	43.14%	2	1	3
25-9031	Instructional Coordinators	1,777	2,523	746	41.98%	75	27	102
25-9041	Teacher Assistants	11,091	16,198	5,107	46.05%	511	214	725
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>	<b>25,918</b>	<b>32,475</b>	<b>6,557</b>	<b>25.30%</b>	<b>657</b>	<b>462</b>	<b>1,119</b>
27-1000	Art and Design Workers	9,876	12,563	2,687	27.21%	269	144	413
27-1011	Art Directors	572	648	76	13.29%	8	12	20
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	222	256	34	15.32%	3	5	8
27-1014	Multi-Media Artists and Animators	431	488	57	13.23%	6	9	15
27-1021	Commercial and Industrial Designers	584	764	180	30.82%	18	8	26
27-1023	Floral Designers	904	1,179	275	30.42%	28	12	40
27-1024	Graphic Designers	3,853	4,773	920	23.88%	92	52	144
27-1025	Interior Designers	1,216	1,645	429	35.28%	43	16	59
27-1026	Merchandise Displayers and Window Trimmers	1,519	2,037	518	34.10%	52	20	72
27-1027	Set and Exhibit Designers	87	101	14	16.09%	1	1	3
27-1029	Designers, All Other	406	568	162	39.90%	16	7	23
27-2000	Entertainers and Performers, Sports and Related Workers	3,987	5,247	1,260	31.60%	127	80	207
27-2011	Actors	197	191	-6	-3.05%	0	3	3
27-2012	Producers and Directors	709	807	98	13.82%	10	11	20
27-2021	Athletes and Sports Competitors	603	758	155	25.70%	16	12	27
27-2022	Coaches and Scouts	902	1,234	332	36.81%	33	17	51
27-2023	Umpires, Referees, and Other Sports Officials	972	1,469	497	51.13%	50	19	68
27-2032	Choreographers	152	250	98	64.47%	10	9	19

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
27-2042	Musicians and Singers	265	328	63	23.77%	6	6	12
27-2099	Entertainers and Performers, Sports and Related Workers, All	105	122	17	16.19%	2	1	3
27-3000	Media and Communication Workers	7,810	9,607	1,797	23.01%	180	146	325
27-3011	Radio and Television Announcers	660	667	7	1.06%	1	17	17
27-3022	Reporters and Correspondents	281	307	26	9.25%	3	7	9
27-3031	Public Relations Specialists	2,263	3,061	798	35.26%	80	33	112
27-3041	Editors	1,010	1,235	225	22.28%	23	25	47
27-3042	Technical Writers	621	758	137	22.06%	14	18	32
27-3043	Writers and Authors	2,039	2,404	365	17.90%	37	35	72
27-3091	Interpreters and Translators	485	605	120	24.74%	12	6	18
27-3099	Media and Communication Workers, All Other	379	485	106	27.97%	11	5	15
27-4000	Media and Communication Equipment Workers	4,245	5,058	813	19.15%	82	92	174
27-4011	Audio and Video Equipment Technicians	781	881	100	12.80%	10	19	29
27-4012	Broadcast Technicians	260	307	47	18.08%	5	6	11
27-4014	Sound Engineering Technicians	151	181	30	19.87%	3	4	7
27-4021	Photographers	2,572	3,147	575	22.36%	58	53	110
27-4031	Camera Operators, Television, Video, and Motion Picture	271	331	60	22.14%	6	6	12
27-4032	Film and Video Editors	172	169	-3	-1.74%	0	4	4
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>	<b>71,564</b>	<b>102,984</b>	<b>31,420</b>	<b>43.90%</b>	<b>3,142</b>	<b>1,347</b>	<b>4,489</b>
29-1000	Health Diagnosing and Treating Practitioners	44,054	63,199	19,145	43.46%	1,915	874	2,789
29-1011	Chiropractors	828	1,034	206	24.88%	21	16	36
29-1021	Dentists, General	1,907	2,332	425	22.29%	43	32	75
29-1022	Oral and Maxillofacial Surgeons	148	185	37	25.00%	4	3	6
29-1023	Orthodontists	83	101	18	21.69%	2	1	3
29-1029	Dentists, All Other Specialists	56	65	9	16.07%	1	1	2
29-1031	Dietitians and Nutritionists	696	962	266	38.22%	27	18	45
29-1041	Optometrists	320	402	82	25.63%	8	9	17
29-1051	Pharmacists	2,932	4,716	1,784	60.85%	178	57	235
29-1061	Anesthesiologists	129	168	39	30.23%	4	2	6
29-1062	Family and General Practitioners	937	1,264	327	34.90%	33	13	45
29-1063	Internists, General	975	1,268	293	30.05%	29	13	42
29-1064	Obstetricians and Gynecologists	189	253	64	33.86%	6	3	9
29-1065	Pediatricians, General	488	638	150	30.74%	15	7	22
29-1066	Psychiatrists	107	162	55	51.40%	6	1	7
29-1067	Surgeons	448	598	150	33.48%	15	6	21
29-1069	Physicians and Surgeons, All Other	1,556	2,010	454	29.18%	45	21	66
29-1071	Physician Assistants	1,259	1,976	717	56.95%	72	19	91
29-1081	Podiatrists	199	234	35	17.59%	4	5	8
29-1111	Registered Nurses	21,813	32,388	10,575	48.48%	1,058	456	1,514



Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
29-1121	Audiologists	55	65	10	18.18%	1	1	2
29-1122	Occupational Therapists	940	1,405	465	49.47%	47	13	59
29-1123	Physical Therapists	1,642	2,400	758	46.16%	76	16	92
29-1124	Radiation Therapists	635	915	280	44.09%	28	15	43
29-1125	Recreational Therapists	162	180	18	11.11%	2	4	6
29-1126	Respiratory Therapists	1,636	2,402	766	46.82%	77	54	130
29-1127	Speech-Language Pathologists	1,027	1,414	387	37.68%	39	26	64
29-1129	Therapists, All Other	177	238	61	34.46%	6	4	10
29-1131	Veterinarians	951	1,070	119	12.51%	12	23	35
29-1199	Health Diagnosing and Treating Practitioners, All Other	1,757	2,351	594	33.81%	59	38	98
29-2000	Health Technologists and Technicians	26,133	37,894	11,761	45.00%	1,176	446	1,622
29-2011	Medical and Clinical Laboratory Technologists	1,318	1,916	598	45.37%	60	36	95
29-2012	Medical and Clinical Laboratory Technicians	1,058	1,470	412	38.94%	41	29	70
29-2021	Dental Hygienists	1,751	2,713	962	54.94%	96	15	111
29-2031	Cardiovascular Technologists and Technicians	589	874	285	48.39%	29	11	40
29-2032	Diagnostic Medical Sonographers	442	688	246	55.66%	25	8	33
29-2033	Nuclear Medicine Technologists	148	211	63	42.57%	6	3	9
29-2034	Radiologic Technologists and Technicians	2,133	3,104	971	45.52%	97	40	137
29-2041	Emergency Medical Technicians and Paramedics	1,298	1,797	499	38.44%	50	15	65
29-2051	Dietetic Technicians	395	527	132	33.42%	13	5	18
29-2052	Pharmacy Technicians	3,819	6,316	2,497	65.38%	250	50	300
29-2053	Psychiatric Technicians	1,192	2,065	873	73.24%	87	16	103
29-2054	Respiratory Therapy Technicians	93	105	12	12.90%	1	1	2
29-2055	Surgical Technologists	552	823	271	49.09%	27	7	34
29-2056	Veterinary Technologists and Technicians	1,516	1,982	466	30.74%	47	20	66
29-2061	Licensed Practical and Licensed Vocational Nurses	6,417	8,584	2,167	33.77%	217	140	357
29-2071	Medical Records and Health Information Technicians	2,370	3,385	1,015	42.83%	102	34	135
29-2081	Opticians, Dispensing	536	677	141	26.31%	14	9	24
29-2091	Orthotists and Prosthetists	195	229	34	17.44%	3	3	7
29-2099	Health Technologists and Technicians, All Other	311	428	117	37.62%	12	6	17
29-9000	Other Healthcare Practitioners and Technical Occupations	1,377	1,891	514	37.33%	51	27	78
29-9011	Occupational Health and Safety Specialists	315	375	60	19.05%	6	7	13
29-9012	Occupational Health and Safety Technicians	121	140	19	15.70%	2	3	5
29-9091	Athletic Trainers	154	219	65	42.21%	7	3	10
29-9099	Healthcare Practitioners and Technical Workers, All Other	787	1,157	370	47.01%	37	14	51
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>38,030</b>	<b>54,832</b>	<b>16,802</b>	<b>44.18%</b>	<b>1,680</b>	<b>613</b>	<b>2,294</b>
31-1000	Nursing, Psychiatric, and Home Health Aides	22,338	32,124	9,786	43.81%	979	293	1,271
31-1011	Home Health Aides	8,934	13,194	4,260	47.68%	426	117	543
31-1012	Nursing Aides, Orderlies, and Attendants	12,994	18,242	5,248	40.39%	525	170	695

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
31-1013	Psychiatric Aides	410	688	278	67.80%	28	5	33
31-2000	Occupational and Physical Therapist Assistants and Aides							
		1,415	2,130	715	50.53%	72	23	95
31-2011	Occupational Therapist Assistants	66	96	30	45.45%	3	1	4
31-2012	Occupational Therapist Aides	59	86	27	45.76%	3	1	3
31-2021	Physical Therapist Assistants	552	866	314	56.88%	31	9	41
31-2022	Physical Therapist Aides	738	1,082	344	46.61%	34	12	47
31-9000	Other Healthcare Support Occupations	14,277	20,578	6,301	44.13%	630	298	928
31-9011	Massage Therapists	2,147	2,725	578	26.92%	58	42	99
31-9091	Dental Assistants	3,362	5,166	1,804	53.66%	180	94	274
31-9092	Medical Assistants	4,763	7,565	2,802	58.83%	280	88	368
31-9093	Medical Equipment Preparers	258	365	107	41.47%	11	5	16
31-9094	Medical Transcriptionists	924	1,276	352	38.10%	35	17	52
31-9095	Pharmacy Aides	185	263	78	42.16%	8	3	11
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	763	889	126	16.51%	13	14	27
31-9099	Healthcare Support Workers, All Other	1,875	2,329	454	24.21%	45	35	80
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>39,967</b>	<b>44,764</b>	<b>4,797</b>	<b>12.00%</b>	<b>582</b>	<b>1,033</b>	<b>1,615</b>
33-1000	First-Line Supervisors/Managers, Protective Service Workers	3,777	3,939	162	4.29%	25	125	151
33-1011	First-Line Supervisors/Managers of Correctional Officers	871	779	-92	-10.56%	0	26	26
33-1012	First-Line Supervisors/Managers of Police and Detectives	1,572	1,634	62	3.94%	6	52	58
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	862	967	105	12.18%	11	36	46
33-1099	First-Line Supervisors/Managers, Protective Service Workers,	472	559	87	18.43%	9	12	21
33-2000	Fire Fighting and Prevention Workers	2,757	3,233	476	17.27%	49	80	129
33-2011	Fire Fighters	2,677	3,165	488	18.23%	49	78	126
33-2021	Fire Inspectors and Investigators	80	68	-12	-15.00%	0	2	2
33-3000	Law Enforcement Workers	15,488	15,068	-420	-2.71%	49	364	413
33-3011	Bailiffs	295	306	11	3.73%	1	6	7
33-3012	Correctional Officers and Jailers	6,926	6,038	-888	-12.82%	0	144	144
33-3021	Detectives and Criminal Investigators	1,218	1,353	135	11.08%	14	33	46
33-3031	Fish and Game Wardens	172	146	-26	-15.12%	0	4	4
33-3051	Police and Sheriff's Patrol Officers	6,783	7,119	336	4.95%	34	176	209
33-3052	Transit and Railroad Police	60	61	1	1.67%	0	1	1
33-9000	Other Protective Service Workers	17,945	22,524	4,579	25.52%	458	464	922
33-9011	Animal Control Workers	207	236	29	14.01%	3	14	17
33-9021	Private Detectives and Investigators	418	534	116	27.75%	12	9	20
33-9031	Gaming Surveillance Officers and Gaming Investigators	441	457	16	3.63%	2	10	11
33-9032	Security Guards	14,973	18,751	3,778	25.23%	378	326	704
33-9091	Crossing Guards	713	1,057	344	48.25%	34	23	57

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	679	850	171	25.18%	17	47	64
33-9099	Protective Service Workers, All Other	514	639	125	24.32%	13	36	48
<b>35-0000</b>	<b>Food Preparation and Serving Related Occupations</b>	<b>153,622</b>	<b>204,124</b>	<b>50,502</b>	<b>32.87%</b>	<b>5,050</b>	<b>6,078</b>	<b>11,128</b>
35-1000	Supervisors, Food Preparation and Serving Workers	12,016	15,803	3,787	31.52%	379	295	674
35-1011	Chefs and Head Cooks	1,592	1,995	403	25.31%	40	47	87
35-1012	First-Line Supervisors/Managers of Food Preparation and	10,424	13,808	3,384	32.46%	338	248	586
35-2000	Cooks and Food Preparation Workers	39,820	52,962	13,142	33.00%	1,314	1,292	2,606
35-2011	Cooks, Fast Food	11,357	15,268	3,911	34.44%	391	352	743
35-2012	Cooks, Institution and Cafeteria	2,741	3,119	378	13.79%	38	85	123
35-2014	Cooks, Restaurant	9,755	12,620	2,865	29.37%	287	302	589
35-2015	Cooks, Short Order	2,617	3,270	653	24.95%	65	81	146
35-2021	Food Preparation Workers	13,346	18,680	5,334	39.97%	533	472	1,006
35-3000	Food and Beverage Serving Workers	74,867	100,698	25,831	34.50%	2,583	3,604	6,187
35-3011	Bartenders	4,824	6,126	1,302	26.99%	130	190	321
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	30,991	43,899	12,908	41.65%	1,291	1,343	2,634
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	7,078	9,308	2,230	31.51%	223	462	685
35-3031	Waiters and Waitresses	29,905	38,969	9,064	30.31%	906	1,539	2,445
35-3041	Food Servers, Nonrestaurant	2,069	2,396	327	15.80%	33	69	102
35-9000	Other Food Preparation and Serving Related Workers	26,919	34,661	7,742	28.76%	774	888	1,662
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	8,301	10,544	2,243	27.02%	224	278	502
35-9021	Dishwashers	9,555	12,756	3,201	33.50%	320	323	643
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	9,015	11,294	2,279	25.28%	228	286	514
<b>37-0000</b>	<b>Building and Grounds Cleaning and Maintenance Occupations</b>	<b>70,112</b>	<b>96,252</b>	<b>26,140</b>	<b>37.28%</b>	<b>2,614</b>	<b>1,386</b>	<b>4,000</b>
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	7,061	9,483	2,422	34.30%	242	103	345
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	2,599	3,487	888	34.17%	89	61	150
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	4,462	5,996	1,534	34.38%	153	41	195
37-2000	Building Cleaning and Pest Control Workers	38,172	51,943	13,771	36.08%	1,377	742	2,119
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	24,527	34,103	9,576	39.04%	958	465	1,423
37-2012	Maids and Housekeeping Cleaners	11,968	15,464	3,496	29.21%	350	251	601
37-2021	Pest Control Workers	1,676	2,374	698	41.65%	70	25	95

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
37-3000	Grounds Maintenance Workers	24,879	34,826	9,947	39.98%	995	542	1,536
37-3011	Landscaping and Groundskeeping Workers	24,595	34,465	9,870	40.13%	987	535	1,522
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	145	188	43	29.66%	4	3	8
37-3013	Tree Trimmers and Pruners	68	70	2	2.94%	0	2	2
37-3019	Grounds Maintenance Workers, All Other	71	103	32	45.07%	3	2	5
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>54,048</b>	<b>70,025</b>	<b>15,977</b>	<b>29.56%</b>	<b>1,601</b>	<b>1,233</b>	<b>2,833</b>
39-1000	Supervisors, Personal Care and Service Workers	4,718	5,433	715	15.15%	72	109	181
39-1011	Gaming Supervisors	1,291	1,438	147	11.39%	15	27	42
39-1012	Slot Key Persons	988	1,052	64	6.48%	6	21	27
39-1021	First-Line Supervisors/Managers of Personal Service Workers							
		2,439	2,943	504	20.66%	50	61	112
39-2000	Animal Care and Service Workers	2,513	3,355	842	33.51%	84	62	146
39-2011	Animal Trainers	198	288	90	45.45%	9	4	13
39-2021	Nonfarm Animal Caretakers	2,315	3,067	752	32.48%	75	58	133
39-3000	Entertainment Attendants and Related Workers	7,309	9,407	2,098	28.70%	213	250	463
39-3011	Gaming Dealers	1,745	2,170	425	24.36%	43	55	98
39-3012	Gaming and Sports Book Writers and Runners	530	688	158	29.81%	16	17	33
39-3019	Gaming Service Workers, All Other	348	425	77	22.13%	8	11	18
39-3021	Motion Picture Projectionists	99	71	-28	-28.28%	0	5	5
39-3031	Ushers, Lobby Attendants, and Ticket Takers	1,058	1,233	175	16.54%	18	60	78
39-3091	Amusement and Recreation Attendants	2,729	3,732	1,003	36.75%	100	79	179
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	323	420	97	30.03%	10	9	19
39-3099	Entertainment Attendants and Related Workers, All Other	445	629	184	41.35%	18	14	32
39-4000	Funeral Service Workers	200	231	31	15.50%	3	4	7
39-4021	Funeral Attendants	174	202	28	16.09%	3	4	6
39-5000	Personal Appearance Workers	9,088	10,860	1,772	19.50%	177	181	358
39-5011	Barbers	616	679	63	10.23%	6	17	24
39-5012	Hairdressers, Hairstylists, and Cosmetologists	6,402	7,656	1,254	19.59%	125	123	249
39-5092	Manicurists and Pedicurists	1,123	1,387	264	23.51%	26	22	48
39-5093	Shampooers	281	322	41	14.59%	4	5	10
39-5094	Skin Care Specialists	663	813	150	22.62%	15	13	28
39-6000	Transportation, Tourism, and Lodging Attendants	6,410	7,805	1,395	21.76%	140	104	244
39-6011	Baggage Porters and Bellhops	1,081	1,245	164	15.17%	16	29	45
39-6012	Concierges	272	327	55	20.22%	6	7	13
39-6021	Tour Guides and Escorts	157	186	29	18.47%	3	4	7
39-6022	Travel Guides	101	140	39	38.61%	4	3	7
39-6031	Flight Attendants	4,641	5,734	1,093	23.55%	109	60	169
39-6032	Transportation Attendants, Except Flight Attendants and	158	173	15	9.49%	2	2	4
39-9000	Other Personal Care and Service Workers	23,810	32,934	9,124	38.32%	912	523	1,435

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
39-9011	Child Care Workers	7,602	10,598	2,996	39.41%	300	207	507
39-9021	Personal and Home Care Aides	7,747	11,576	3,829	49.43%	383	124	507
39-9031	Fitness Trainers and Aerobics Instructors	2,766	3,802	1,036	37.45%	104	64	167
39-9032	Recreation Workers	4,234	5,138	904	21.35%	90	97	188
39-9041	Residential Advisors	471	634	163	34.61%	16	10	26
39-9099	Personal Care and Service Workers, All Other	990	1,186	196	19.80%	20	21	41
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>204,794</b>	<b>264,850</b>	<b>60,056</b>	<b>29.33%</b>	<b>6,006</b>	<b>6,379</b>	<b>12,384</b>
41-1000	Supervisors, Sales Workers	28,366	34,991	6,625	23.36%	663	516	1,179
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	21,230	26,637	5,407	25.47%	541	381	922
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers							
		7,136	8,354	1,218	17.07%	122	135	257
41-2000	Retail Sales Workers	103,767	139,358	35,591	34.30%	3,559	4,269	7,828
41-2011	Cashiers	40,873	51,474	10,601	25.94%	1,060	1,989	3,049
41-2012	Gaming Change Persons and Booth Cashiers	309	325	16	5.18%	2	15	17
41-2021	Counter and Rental Clerks	6,046	8,208	2,162	35.76%	216	232	448
41-2022	Parts Salespersons	2,706	2,967	261	9.65%	26	77	104
41-2031	Retail Salespersons	53,833	76,384	22,551	41.89%	2,255	1,957	4,212
41-3000	Sales Representatives, Services	19,119	22,284	3,165	16.55%	317	365	682
41-3011	Advertising Sales Agents	1,482	1,850	368	24.83%	37	29	66
41-3021	Insurance Sales Agents	6,557	7,399	842	12.84%	84	157	241
41-3031	Securities, Commodities, and Financial Services Sales Agents							
		4,778	5,901	1,123	23.50%	112	54	167
41-3041	Travel Agents	1,660	1,868	208	12.53%	21	37	58
41-3099	Sales Representatives, Services, All Other	4,642	5,266	624	13.44%	62	88	151
41-4000	Sales Representatives, Wholesale and Manufacturing	29,656	38,823	9,167	30.91%	917	779	1,695
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products							
		9,274	11,654	2,380	25.66%	238	244	482
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products							
		20,382	27,169	6,787	33.30%	679	535	1,214
41-9000	Other Sales and Related Workers	23,886	29,394	5,508	23.06%	551	449	1,000
41-9011	Demonstrators and Product Promoters	1,344	1,780	436	32.44%	44	30	74
41-9021	Real Estate Brokers	3,914	5,024	1,110	28.36%	111	78	189
41-9022	Real Estate Sales Agents	5,857	8,141	2,284	39.00%	228	116	345
41-9031	Sales Engineers	680	813	133	19.56%	13	20	34
41-9041	Telemarketers	10,127	10,987	860	8.49%	86	166	252
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers							
		276	299	23	8.33%	2	7	9
41-9099	Sales and Related Workers, All Other	1,676	2,334	658	39.26%	66	32	98
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>346,528</b>	<b>414,851</b>	<b>68,323</b>	<b>19.72%</b>	<b>7,464</b>	<b>7,683</b>	<b>15,147</b>



Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
43-1000	Supervisors, Office and Administrative Support Workers	19,600	23,581	3,981	20.31%	398	421	819
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	19,600	23,581	3,981	20.31%	398	421	819
43-2000	Communications Equipment Operators	3,662	3,444	-218	-5.95%	12	89	101
43-2011	Switchboard Operators, Including Answering Service	2,423	2,547	124	5.12%	12	62	74
43-2021	Telephone Operators	112	98	-14	-12.50%	0	3	3
43-2099	Communications Equipment Operators, All Other	1,127	799	-328	-29.10%	0	24	24
43-3000	Financial Clerks	47,670	59,798	12,128	25.44%	1,213	1,114	2,327
43-3011	Bill and Account Collectors	7,292	10,611	3,319	45.52%	332	137	469
43-3021	Billing and Posting Clerks and Machine Operators	6,698	7,626	928	13.85%	93	114	206
43-3031	Bookkeeping, Accounting, and Auditing Clerks	22,793	27,128	4,335	19.02%	434	427	861
43-3041	Gaming Cage Workers	410	430	20	4.88%	2	20	22
43-3051	Payroll and Timekeeping Clerks	3,871	5,283	1,412	36.48%	141	102	244
43-3061	Procurement Clerks	492	564	72	14.63%	7	13	20
43-3071	Tellers	6,114	8,156	2,042	33.40%	204	301	505
43-4000	Information and Record Clerks	109,494	131,399	21,905	20.01%	2,557	2,104	4,660
43-4011	Brokerage Clerks	549	644	95	17.30%	10	7	17
43-4021	Correspondence Clerks	303	308	5	1.65%	1	9	10
43-4031	Court, Municipal, and License Clerks	1,578	1,568	-10	-0.63%	0	35	35
43-4041	Credit Authorizers, Checkers, and Clerks	7,906	5,952	-1,954	-24.72%	0	152	152
43-4051	Customer Service Representatives	50,914	66,805	15,891	31.21%	1,589	757	2,346
43-4061	Eligibility Interviewers, Government Programs	1,525	1,156	-369	-24.20%	0	41	41
43-4071	File Clerks	3,487	2,588	-899	-25.78%	0	103	103
43-4081	Hotel, Motel, and Resort Desk Clerks	2,155	2,539	384	17.82%	38	97	135
43-4111	Interviewers, Except Eligibility and Loan	2,823	3,843	1,020	36.13%	102	73	175
43-4121	Library Assistants, Clerical	423	502	79	18.68%	8	17	25
43-4131	Loan Interviewers and Clerks	8,018	9,072	1,054	13.15%	105	110	215
43-4141	New Accounts Clerks	559	720	161	28.80%	16	14	30
43-4151	Order Clerks	4,015	3,587	-428	-10.66%	0	90	90
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	3,697	4,993	1,296	35.06%	130	80	209
43-4171	Receptionists and Information Clerks	13,669	18,052	4,383	32.07%	438	336	774
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	5,737	6,696	959	16.72%	96	150	246
43-4199	Information and Record Clerks, All Other	2,136	2,374	238	11.14%	24	34	57
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	61,243	73,287	12,044	19.67%	1,256	1,757	3,013
43-5011	Cargo and Freight Agents	919	860	-59	-6.42%	0	21	21
43-5021	Couriers and Messengers	2,032	2,216	184	9.06%	18	47	65

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
43-5031	Police, Fire, and Ambulance Dispatchers	829	869	40	4.83%	4	18	22
43-5032	Dispatchers, Except Police, Fire, and Ambulance	2,407	2,842	435	18.07%	44	52	95
43-5041	Meter Readers, Utilities	1,040	584	-456	-43.85%	0	33	33
43-5051	Postal Service Clerks	714	803	89	12.46%	9	19	28
43-5052	Postal Service Mail Carriers	3,823	4,306	483	12.63%	48	120	168
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	2,329	2,622	293	12.58%	29	62	91
43-5061	Production, Planning, and Expediting Clerks	4,379	5,245	866	19.78%	87	106	193
43-5071	Shipping, Receiving, and Traffic Clerks	17,790	24,440	6,650	37.38%	665	365	1,030
43-5081	Stock Clerks and Order Fillers	24,276	27,754	3,478	14.33%	348	898	1,246
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	705	746	41	5.82%	4	18	22
43-6000	Secretaries and Administrative Assistants	46,700	55,517	8,817	18.88%	882	894	1,776
43-6011	Executive Secretaries and Administrative Assistants	24,706	30,354	5,648	22.86%	565	473	1,038
43-6012	Legal Secretaries	3,216	4,054	838	26.06%	84	62	145
43-6013	Medical Secretaries	3,525	4,520	995	28.23%	100	68	167
43-6014	Secretaries, Except Legal, Medical, and Executive	15,253	16,589	1,336	8.76%	134	292	426
43-9000	Other Office and Administrative Support Workers	58,159	67,825	9,666	16.62%	1,146	1,305	2,451
43-9011	Computer Operators	2,326	1,770	-556	-23.90%	0	50	50
43-9021	Data Entry Keyers	5,362	5,499	137	2.56%	14	127	140
43-9022	Word Processors and Typists	2,271	2,002	-269	-11.85%	0	50	50
43-9031	Desktop Publishers	122	156	34	27.87%	3	3	6
43-9041	Insurance Claims and Policy Processing Clerks	2,014	2,298	284	14.10%	28	32	61
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	2,493	1,741	-752	-30.16%	0	75	75
43-9061	Office Clerks, General	39,675	50,333	10,658	26.86%	1,066	879	1,945
43-9071	Office Machine Operators, Except Computer	1,209	999	-210	-17.37%	0	31	31
43-9081	Proofreaders and Copy Markers	913	1,149	236	25.85%	24	19	42
43-9111	Statistical Assistants	145	134	-11	-7.59%	0	2	2
43-9199	Office and Administrative Support Workers, All Other	1,629	1,744	115	7.06%	12	38	50
<b>45-0000</b>	<b>Farming, Fishing, and Forestry Occupations</b>	<b>3,275</b>	<b>3,371</b>	<b>96</b>	<b>2.93%</b>	<b>29</b>	<b>90</b>	<b>119</b>
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	164	165	1	0.61%	1	4	4
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and	150	156	6	4.00%	1	3	4
45-2000	Agricultural Workers	3,037	3,087	50	1.65%	24	85	109
45-2011	Agricultural Inspectors	83	74	-9	-10.84%	0	2	2
45-2041	Graders and Sorters, Agricultural Products	204	281	77	37.75%	8	5	13
45-2091	Agricultural Equipment Operators	702	523	-179	-25.50%	0	20	20
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,784	1,885	101	5.66%	10	51	61

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
45-2093	Farmworkers, Farm and Ranch Animals	246	304	58	23.58%	6	7	13
45-4000	Forest, Conservation, and Logging Workers	74	119	45	60.81%	5	1	6
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>	<b>147,527</b>	<b>220,905</b>	<b>73,378</b>	<b>49.74%</b>	<b>7,338</b>	<b>2,865</b>	<b>10,203</b>
47-1000	Supervisors, Construction and Extraction Workers	8,958	13,260	4,302	48.02%	430	152	583
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	8,958	13,260	4,302	48.02%	430	152	583
47-2000	Construction Trades Workers	125,428	188,765	63,337	50.50%	6,334	2,271	8,605
47-2011	Boilermakers	180	324	144	80.00%	14	7	21
47-2021	Brickmasons and Blockmasons	3,227	5,162	1,935	59.96%	194	48	242
47-2022	Stonemasons	755	1,200	445	58.94%	45	11	56
47-2031	Carpenters	32,278	51,140	18,862	58.44%	1,886	525	2,412
47-2041	Carpet Installers	1,063	1,435	372	35.00%	37	17	54
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	679	985	306	45.07%	31	11	41
47-2043	Floor Sanders and Finishers	55	75	20	36.36%	2	1	3
47-2044	Tile and Marble Setters	1,550	2,544	994	64.13%	99	24	124
47-2051	Cement Masons and Concrete Finishers	6,607	10,826	4,219	63.86%	422	133	555
47-2053	Terrazzo Workers and Finishers	95	142	47	49.47%	5	2	7
47-2061	Construction Laborers	19,907	28,153	8,246	41.42%	825	265	1,090
47-2071	Paving, Surfacing, and Tamping Equipment Operators	942	1,400	458	48.62%	46	14	59
47-2072	Pile-Driver Operators	74	110	36	48.65%	4	1	5
47-2073	Operating Engineers and Other Construction Equipment	6,610	9,721	3,111	47.07%	311	170	481
47-2081	Drywall and Ceiling Tile Installers	6,347	9,021	2,674	42.13%	267	138	405
47-2082	Tapers	4,410	6,157	1,747	39.61%	175	96	270
47-2111	Electricians	9,109	12,660	3,551	38.98%	355	180	535
47-2121	Glaziers	1,008	1,613	605	60.02%	61	21	82
47-2131	Insulation Workers, Floor, Ceiling, and Wall	379	514	135	35.62%	14	11	25
47-2132	Insulation Workers, Mechanical	172	224	52	30.23%	5	5	10
47-2141	Painters, Construction and Maintenance	10,040	14,786	4,746	47.27%	475	153	628
47-2142	Paperhangers	231	296	65	28.14%	7	3	9
47-2151	Pipelayers	1,468	2,208	740	50.41%	74	34	108
47-2152	Plumbers, Pipefitters, and Steamfitters	6,824	10,195	3,371	49.40%	337	157	494
47-2161	Plasterers and Stucco Masons	2,975	4,368	1,393	46.82%	139	54	194
47-2171	Reinforcing Iron and Rebar Workers	803	1,332	529	65.88%	53	16	69
47-2181	Roofers	3,726	6,379	2,653	71.20%	265	87	352
47-2211	Sheet Metal Workers	2,685	3,827	1,142	42.53%	114	64	179
47-2221	Structural Iron and Steel Workers	1,229	1,968	739	60.13%	74	24	98
47-3000	Helpers, Construction Trades	8,387	12,411	4,024	47.98%	402	348	751
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile	830	1,363	533	64.22%	53	35	88
47-3012	Helpers--Carpenters	2,673	4,316	1,643	61.47%	164	111	275

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
47-3013	Helpers--Electricians	1,940	2,507	567	29.23%	57	81	137
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	695	1,025	330	47.48%	33	29	62
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	1,168	1,707	539	46.15%	54	49	102
47-3016	Helpers--Roofers	325	555	230	70.77%	23	14	37
47-3019	Helpers, Construction Trades, All Other	756	938	182	24.07%	18	31	50
47-4000	Other Construction and Related Workers	4,532	6,151	1,619	35.72%	162	87	249
47-4011	Construction and Building Inspectors	1,235	1,571	336	27.21%	34	28	61
47-4021	Elevator Installers and Repairers	192	275	83	43.23%	8	5	13
47-4031	Fence Erectors	853	1,221	368	43.14%	37	13	49
47-4041	Hazardous Materials Removal Workers	465	795	330	70.97%	33	12	45
47-4051	Highway Maintenance Workers	728	863	135	18.54%	14	11	24
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	218	303	85	38.99%	9	6	14
47-4091	Segmental Pavers	77	118	41	53.25%	4	1	5
47-4099	Construction and Related Workers, All Other	764	1,005	241	31.54%	24	12	36
47-5000	Extraction Workers	222	318	96	43.24%	10	6	16
47-5041	Continuous Mining Machine Operators	108	173	65	60.19%	7	3	10
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>	<b>69,224</b>	<b>88,084</b>	<b>18,860</b>	<b>27.24%</b>	<b>1,886</b>	<b>1,579</b>	<b>3,465</b>
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	4,697	5,951	1,254	26.70%	125	118	243
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	4,697	5,951	1,254	26.70%	125	118	243
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and	9,443	11,086	1,643	17.40%	164	179	343
49-2011	Computer, Automated Teller, and Office Machine Repairers	1,914	2,155	241	12.59%	24	23	47
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	3,141	3,243	102	3.25%	10	65	75
49-2091	Avionics Technicians	299	380	81	27.09%	8	7	15
49-2092	Electric Motor, Power Tool, and Related Repairers	232	316	84	36.21%	8	6	14
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	67	81	14	20.90%	1	2	3
49-2094	Electrical and Electronics Repairers, Commercial and	778	1,034	256	32.90%	26	17	43
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	69	82	13	18.84%	1	2	3
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	117	159	42	35.90%	4	3	7
49-2097	Electronic Home Entertainment Equipment Installers and	1,353	1,542	189	13.97%	19	27	45
49-2098	Security and Fire Alarm Systems Installers	1,464	2,085	621	42.42%	62	28	90
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	23,144	28,984	5,840	25.23%	584	614	1,198

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
49-3011	Aircraft Mechanics and Service Technicians	1,765	2,065	300	17.00%	30	42	72
49-3021	Automotive Body and Related Repairers	2,185	2,455	270	12.36%	27	44	71
49-3022	Automotive Glass Installers and Repairers	243	264	21	8.64%	2	5	7
49-3023	Automotive Service Technicians and Mechanics	11,245	14,372	3,127	27.81%	313	299	612
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	3,053	3,921	868	28.43%	87	79	165
49-3041	Farm Equipment Mechanics	414	489	75	18.12%	8	9	17
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1,721	2,207	486	28.24%	49	37	86
49-3051	Motorboat Mechanics	92	119	27	29.35%	3	2	5
49-3052	Motorcycle Mechanics	187	245	58	31.02%	6	5	10
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	164	216	52	31.71%	5	4	9
49-3091	Bicycle Repairers	259	374	115	44.40%	12	11	23
49-3092	Recreational Vehicle Service Technicians	60	84	24	40.00%	2	3	5
49-3093	Tire Repairers and Changers	1,756	2,173	417	23.75%	42	75	116
49-9000	Other Installation, Maintenance, and Repair Occupations	31,940	42,063	10,123	31.69%	1,012	668	1,681
49-9011	Mechanical Door Repairers	147	221	74	50.34%	7	4	11
49-9012	Control and Valve Installers and Repairers, Except Mechanical	485	530	45	9.28%	5	12	17
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and	4,061	6,017	1,956	48.17%	196	54	250
49-9031	Home Appliance Repairers	399	489	90	22.56%	9	10	19
49-9041	Industrial Machinery Mechanics	1,462	1,699	237	16.21%	24	30	53
49-9042	Maintenance and Repair Workers, General	16,767	21,924	5,157	30.76%	516	322	838
49-9043	Maintenance Workers, Machinery	603	753	150	24.88%	15	14	29
49-9044	Millwrights	419	616	197	47.02%	20	10	30
49-9051	Electrical Power-Line Installers and Repairers	671	811	140	20.86%	14	21	35
49-9052	Telecommunications Line Installers and Repairers	844	1,185	341	40.40%	34	23	57
49-9062	Medical Equipment Repairers	208	304	96	46.15%	10	6	15
49-9064	Watch Repairers	120	134	14	11.67%	1	3	5
49-9069	Precision Instrument and Equipment Repairers, All Other	262	319	57	21.76%	6	7	13
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	430	473	43	10.00%	4	10	15
49-9094	Locksmiths and Safe Repairers	327	433	106	32.42%	11	11	22
49-9098	Helpers--Installation, Maintenance, and Repair Workers	2,128	2,913	785	36.89%	79	72	151
49-9099	Installation, Maintenance, and Repair Workers, All Other	2,479	3,058	579	23.36%	58	56	114
<b>51-0000</b>	<b>Production Occupations</b>	<b>93,192</b>	<b>107,793</b>	<b>14,601</b>	<b>15.67%</b>	<b>1,534</b>	<b>2,250</b>	<b>3,784</b>
51-1000	Supervisors, Production Workers	6,146	7,343	1,197	19.48%	120	129	249
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	6,146	7,343	1,197	19.48%	120	129	249
51-2000	Assemblers and Fabricators	22,640	26,253	3,613	15.96%	369	572	941
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems	1,045	1,181	136	13.01%	14	29	42



Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
51-2021	Coil Winders, Tapers, and Finishers	291	257	-34	-11.68%	0	7	7
51-2022	Electrical and Electronic Equipment Assemblers	4,380	4,609	229	5.23%	23	104	126
51-2023	Electromechanical Equipment Assemblers	937	894	-43	-4.59%	0	22	22
51-2041	Structural Metal Fabricators and Fitters	1,202	1,573	371	30.87%	37	28	65
51-2091	Fiberglass Laminators and Fabricators	357	443	86	24.09%	9	9	18
51-2092	Team Assemblers	12,584	15,013	2,429	19.30%	243	325	568
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	95	97	2	2.11%	0	3	3
51-2099	Assemblers and Fabricators, All Other	1,709	2,141	432	25.28%	43	44	87
51-3000	Food Processing Workers	7,424	9,573	2,149	28.95%	215	171	386
51-3011	Bakers	2,779	3,747	968	34.83%	97	65	161
51-3021	Butchers and Meat Cutters	1,443	1,843	400	27.72%	40	32	72
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	955	1,209	254	26.60%	25	21	46
51-3023	Slaughterers and Meat Packers	287	295	8	2.79%	1	6	7
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	93	105	12	12.90%	1	3	4
51-3092	Food Batchmakers	1,422	1,850	428	30.10%	43	35	78
51-3093	Food Cooking Machine Operators and Tenders	445	524	79	17.75%	8	10	18
51-4000	Metal Workers and Plastic Workers	13,737	15,337	1,600	11.65%	177	336	513
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	600	659	59	9.83%	6	10	16
51-4012	Numerical Tool and Process Control Programmers	135	147	12	8.89%	1	2	3
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	366	312	-54	-14.75%	0	12	12
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and	170	172	2	1.18%	0	3	3
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and	364	445	81	22.25%	8	8	16
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,817	1,802	-15	-0.83%	0	42	42
51-4032	Drilling and Boring Machine Tool Setters, Operators, and	306	321	15	4.90%	2	9	10
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool	500	501	1	0.20%	0	10	10
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	417	388	-29	-6.95%	0	8	8
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	211	204	-7	-3.32%	0	4	4
51-4041	Machinists	3,008	3,408	400	13.30%	40	70	110
51-4051	Metal-Refining Furnace Operators and Tenders	133	93	-40	-30.08%	0	3	3
51-4061	Model Makers, Metal and Plastic	55	78	23	41.82%	2	2	4
51-4071	Foundry Mold and Coremakers	190	221	31	16.32%	3	5	8
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	604	596	-8	-1.32%	0	15	15

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	270	301	31	11.48%	3	7	11
51-4111	Tool and Die Makers	313	336	23	7.35%	2	7	9
51-4121	Welders, Cutters, Solderers, and Brazers	3,410	4,446	1,036	30.38%	104	96	200
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators,	219	230	11	5.02%	1	6	7
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	68	52	-16	-23.53%	0	2	2
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	236	240	4	1.69%	0	5	6
51-4194	Tool Grinders, Filers, and Sharpeners	192	200	8	4.17%	1	6	7
51-5000	Printing Workers	3,381	3,662	281	8.31%	33	81	114
51-5011	Bindery Workers	501	469	-32	-6.39%	0	13	13
51-5021	Job Printers	641	745	104	16.22%	10	15	25
51-5022	Prepress Technicians and Workers	857	837	-20	-2.33%	0	20	20
51-5023	Printing Machine Operators	1,378	1,607	229	16.62%	23	32	55
51-6000	Textile, Apparel, and Furnishings Workers	7,091	8,587	1,496	21.10%	152	159	311
51-6011	Laundry and Dry-Cleaning Workers	3,525	4,333	808	22.92%	81	96	177
51-6021	Pressers, Textile, Garment, and Related Materials	1,003	1,270	267	26.62%	27	16	42
51-6031	Sewing Machine Operators	1,178	1,409	231	19.61%	23	15	38
51-6041	Shoe and Leather Workers and Repairers	178	162	-16	-8.99%	0	6	6
51-6052	Tailors, Dressmakers, and Custom Sewers	412	528	116	28.16%	12	7	19
51-6092	Fabric and Apparel Patternmakers	56	71	15	26.79%	2	3	4
51-6093	Upholsterers	257	265	8	3.11%	1	7	7
51-6099	Textile, Apparel, and Furnishings Workers, All Other	396	456	60	15.15%	6	9	15
51-7000	Woodworkers	3,606	3,793	187	5.19%	26	91	117
51-7011	Cabinetmakers and Bench Carpenters	1,648	1,885	237	14.38%	24	41	65
51-7021	Furniture Finishers	442	391	-51	-11.54%	0	9	9
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	470	484	14	2.98%	1	13	15
51-7042	Woodworking Machine Setters, Operators, and Tenders,	924	918	-6	-0.65%	0	24	24
51-7099	Woodworkers, All Other	81	70	-11	-13.58%	0	2	2
51-8000	Plant and System Operators	1,229	1,506	277	22.54%	28	35	63
51-8011	Nuclear Power Reactor Operators	196	226	30	15.31%	3	5	8
51-8012	Power Distributors and Dispatchers	59	60	1	1.69%	0	2	2
51-8013	Power Plant Operators	92	104	12	13.04%	1	3	4
51-8021	Stationary Engineers and Boiler Operators	231	306	75	32.47%	8	4	12
51-8031	Water and Liquid Waste Treatment Plant and System Operators	447	543	96	21.48%	10	15	25
51-8091	Chemical Plant and System Operators	52	60	8	15.38%	1	2	2

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	95	131	36	37.89%	4	3	7
51-8099	Plant and System Operators, All Other	57	76	19	33.33%	2	2	4
51-9000	Other Production Occupations	27,938	31,739	3,801	13.61%	416	676	1,092
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	434	388	-46	-10.60%	0	14	14
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators,	279	373	94	33.69%	9	7	17
51-9022	Grinding and Polishing Workers, Hand	659	680	21	3.19%	2	17	19
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	772	898	126	16.32%	13	20	33
51-9031	Cutters and Trimmers, Hand	160	211	51	31.88%	5	3	8
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	277	308	31	11.19%	3	6	9
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	503	629	126	25.05%	13	13	26
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	194	280	86	44.33%	9	5	13
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	4,861	5,493	632	13.00%	63	111	174
51-9071	Jewelers and Precious Stone and Metal Workers	303	389	86	28.38%	9	6	15
51-9081	Dental Laboratory Technicians	353	358	5	1.42%	1	8	8
51-9082	Medical Appliance Technicians	87	102	15	17.24%	2	2	3
51-9083	Ophthalmic Laboratory Technicians	498	609	111	22.29%	11	11	22
51-9111	Packaging and Filling Machine Operators and Tenders	2,670	3,089	419	15.69%	42	53	95
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,147	1,246	99	8.63%	10	30	40
51-9122	Painters, Transportation Equipment	1,019	1,204	185	18.16%	19	27	45
51-9123	Painting, Coating, and Decorating Workers	395	495	100	25.32%	10	10	20
51-9131	Photographic Process Workers	420	344	-76	-18.10%	0	10	10
51-9132	Photographic Processing Machine Operators	963	735	-228	-23.68%	0	24	24
51-9141	Semiconductor Processors	3,826	4,018	192	5.02%	19	85	104
51-9191	Cementing and Gluing Machine Operators and Tenders	174	189	15	8.62%	2	5	6
51-9193	Cooling and Freezing Equipment Operators and Tenders	114	110	-4	-3.51%	0	3	3
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	803	927	124	15.44%	12	19	32
51-9196	Paper Goods Machine Setters, Operators, and Tenders	628	728	100	15.92%	10	13	23
51-9198	Helpers--Production Workers	5,083	6,431	1,348	26.52%	135	143	277
51-9199	Production Workers, All Other	1,202	1,375	173	14.39%	17	29	46
<b>53-0000</b>	<b>Transportation and Material Moving Occupations</b>	<b>115,268</b>	<b>142,811</b>	<b>27,543</b>	<b>23.89%</b>	<b>2,771</b>	<b>2,695</b>	<b>5,466</b>
53-1000	Supervisors, Transportation and Material Moving Workers	4,173	5,132	959	22.98%	96	98	194
53-1011	Aircraft Cargo Handling Supervisors	141	176	35	24.82%	4	3	7

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	1,992	2,369	377	18.93%	38	47	85
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	2,040	2,587	547	26.81%	55	48	103
53-2000	Air Transportation Workers	3,965	5,002	1,037	26.15%	104	106	210
53-2011	Airline Pilots, Copilots, and Flight Engineers	3,317	4,213	896	27.01%	90	89	178
53-2012	Commercial Pilots	395	472	77	19.49%	8	11	18
53-2021	Air Traffic Controllers	234	294	60	25.64%	6	6	12
53-3000	Motor Vehicle Operators	45,356	58,995	13,639	30.07%	1,364	658	2,022
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	307	410	103	33.55%	10	3	13
53-3021	Bus Drivers, Transit and Intercity	2,123	2,434	311	14.65%	31	46	77
53-3022	Bus Drivers, School	3,463	4,968	1,505	43.46%	151	75	226
53-3031	Driver/Sales Workers	4,979	6,524	1,545	31.03%	155	81	236
53-3032	Truck Drivers, Heavy and Tractor-Trailer	18,479	23,635	5,156	27.90%	516	302	817
53-3033	Truck Drivers, Light or Delivery Services	13,440	17,778	4,338	32.28%	434	123	557
53-3041	Taxi Drivers and Chauffeurs	1,837	2,296	459	24.99%	46	17	63
53-3099	Motor Vehicle Operators, All Other	728	950	222	30.49%	22	10	32
53-6000	Other Transportation Workers	4,589	5,016	427	9.30%	54	151	205
53-6021	Parking Lot Attendants	2,424	2,311	-113	-4.66%	0	72	72
53-6031	Service Station Attendants	1,031	1,247	216	20.95%	22	46	68
53-6041	Traffic Technicians	108	110	2	1.85%	0	3	3
53-6051	Transportation Inspectors	276	325	49	17.75%	5	7	12
53-6099	Transportation Workers, All Other	750	1,023	273	36.40%	27	23	50
53-7000	Material Moving Workers	57,151	68,622	11,471	20.07%	1,152	1,682	2,834
53-7011	Conveyor Operators and Tenders	320	426	106	33.13%	11	9	20
53-7021	Crane and Tower Operators	267	380	113	42.32%	11	6	17
53-7032	Excavating and Loading Machine and Dragline Operators	955	1,447	492	51.52%	49	26	76
53-7051	Industrial Truck and Tractor Operators	3,939	4,998	1,059	26.88%	106	75	181
53-7061	Cleaners of Vehicles and Equipment	5,449	6,023	574	10.53%	57	190	247
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	35,428	42,138	6,710	18.94%	671	1,158	1,829
53-7063	Machine Feeders and Offbearers	733	684	-49	-6.68%	0	20	20
53-7064	Packers and Packagers, Hand	8,658	11,072	2,414	27.88%	241	162	403
53-7081	Refuse and Recyclable Material Collectors	1,090	1,114	24	2.20%	2	28	30
53-7121	Tank Car, Truck, and Ship Loaders	143	146	3	2.10%	0	4	4
53-7199	Material Moving Workers, All Other	105	114	9	8.57%	1	3	4

<sup>1</sup>Phoenix MSA (Metropolitan Statistical Area) = all of Maricopa and Pinal counties

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>

<sup>2</sup> For more information on the Standard Occupational Classification (SOC) system, go to: [www.bls.gov/soc/socguide.htm](http://www.bls.gov/soc/socguide.htm)  
For Occupational Dictionary, see:  
[http://www.bls.gov/oes/current/oes\\_stru.htm](http://www.bls.gov/oes/current/oes_stru.htm)

<sup>3</sup> Total average annual openings are the sum of openings from growth plus openings from separations. Separations are vacancies caused by workers leaving the labor market or changing occupations. Thus an occupation that is not growing or is in decline could still have openings due to separations.

Some Occupations suppressed due to confidentiality or base employment less than 50.

Prepared by Arizona Dept of Economic Security, Research Administration in cooperation with the U.S. Dept of Labor, Bureau of Labor Statistics, September 2007.

Headings in bold font are the major occupational groups of the Standard Occupational Classification (SOC) system.  
Major occupational groups of the SOC are a composite of all individual occupations listed below the major group heading.

Occupation codes ending in 000 (e.g. 11-1000, 11-2000, 11-3000, etc) are a summation of all the occupations listed below them.

The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.  
Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply.  
It is therefore recommended that these data be used with other sources of occupational information.

[See Notes worksheet for additional information on methodology.](#)

For more information on occupational projections, visit: <http://stats.bls.gov/emp/optd/home.htm>



## Methodology

Before using the data in this report, readers should understand this methodology and note its limitations. **The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.**

Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply. It is therefore recommended that these data be used with other sources of occupational information.

The total occupational employment of the forecast will be greater than the total nonfarm employment estimated by the Current Employment Statistics (CES) program and Occupational Employment Survey (OES) program for the following reasons. First, self employed, unpaid family workers, and agriculture workers are included in the projections, but not in CES and OES. Next, some industries are not included in the OES data because of low survey response rate and a base employment level that is too small to make any statistically significant estimates.

Employment projections provided in this publication were developed in cooperation with and using techniques based on those developed by the U.S Department of Labor's Bureau of Labor Statistics. This methodology is comprised of five basic steps:

- 1) Industry employment data is compiled from CES and unemployment insurance tax records.
- 2) A fraction of the industry employment is assumed to be self employed or unpaid family workers. The fraction is determined from national surveys and is added to the state's industry employment data.
- 3) Staffing patterns from state and national data are used to divide each industry's total employment into the different occupations for that industry.
- 4) Each industry's total employment is calculated during the forecast period according to the short term industry projections for the same time period that were produced by DES Research Administration. The short term industry projections are available online at:  
<http://www.workforce.az.gov/?PAGEID=67&SUBID=174>
- 5) Total employment in any occupation is not only calculated by changes in the total industry employment, but also by changes in share of that occupation's employment in each industry. The change in the share of total industry employment of any occupation is known as the occupational change factor. When the occupational change factor is determined for each occupation in every industry, the occupational forecasts are finished.

To avoid the possible disclosure of confidential employer information, employment data have been suppressed if: less than three firms reported a single occupation; one firm reported more than 50 percent of the occupational estimate; or two firms combined reported more than 75 percent of the occupational estimate. In certain cases, releases may have been obtained from large employers to waive the confidentiality criteria.